

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q63316

Jae-Hong KIM, et al.

Appln. No.: 09/897,732

Group Art Unit: 2631

Confirmation No.: 8188

Examiner: Not Yet Assigned

Filed: July 03, 2001

For: APPARATUS AND METHOD FOR DECODING DATA OF UNKNOWN FRAME LENGTH

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**RECEIVED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

APR 20 2004

Technology Center 2600

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith. Also, enclosed is a European Office Action in a corresponding European Patent Application, citing the references enclosed with this IDS.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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## STATEMENT UNDER 37 C.F.R. § 1.97(e)

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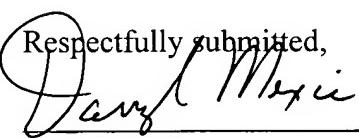
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Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,  
Darryl Mexic  
Registration No. 23,063SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
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23373  
CUSTOMER NUMBER

Date: April 16, 2004

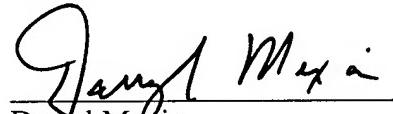
INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 09/897,732  
Attorney Docket No.: Q63316

filng a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. Nevertheless, since a statement can be made, a statement is submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
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**23373**  
CUSTOMER NUMBER

Date: April 16, 2004

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/897,732
Confirmation Number	8188
Filing Date	July 03, 2001
First Named Inventor	Jae-Hong KIM
Art Unit	2631
Examiner Name	Not Yet Assigned

Sheet 1

of 1

Attorney Docket Number Q63316

APR 16 2004

**U.S. PATENT DOCUMENTS**

Examiner Initials* TRADEMARK OFFICE	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Number	Kind Code <sup>2</sup> (if known)		
	US 5,928,377	A	7/27/1999	Doran et al.
	US			

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0817440	A2	1/7/1998	Matsushita Electric Industrial Co., Ltd.	
		EP	1187342	A2	3/13/2002	Sony Corporation	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
	↓	“3 <sup>RD</sup> GENERATION PARTNERSHIP PROJECT (3GPP); TECHNICAL SPECIFICATION GROUP RADIO ACCESS NETWORK MULTIPLEXING AND CHANNEL CODING (FDD) (3G TS 25.212 VERSION 3.0.0)” 3G TS 25.212 V3.0.0,XX,XX, October 1999, XP002149187	
	↓	Y. OKUMURA et al., “VARIABLE-RATE DATA TRANSMISSION WITH BLIND RATE DETECTION FOR COHERENT DS-CDMA MOBILE RADIO”, IEICE TRANSACTIONS ON COMMUNICATIONS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, vol. E81-B, no. 7, July 1, 1998, pages 1365-1372, XP000790169	
	↓	R. CYPER et al., “GENERALIZED TRACE-BACK TECHNIQUES FOR SURVIVOR MEMORY MANAGEMENT IN THE VITERBI ALGORITHM”, JOURNAL OF VLSI SIGNAL PROCESSING SYSTEMS FOR SIGNAL, IMAGE, AND VIDEO TECHNOLOGY, KLUWER ACADEMIC PUBLISHERS, DORDRECHT, NL, vol. 5, no. 1, 1993, pages 85-94, XP000364288	
	↓	B. SBIM et al., “PIPELINED VLSI ARCHITECTURE OF THE VITERBI DECODER FOR IMT-2000” CONFERENCE PROCEEDINGS ARTICLE, vol. 1A, December 5, 1999, pages 158-162, XP010373290	

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.